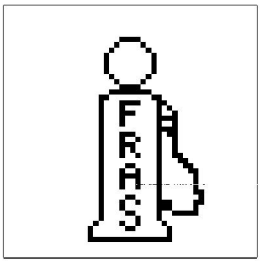

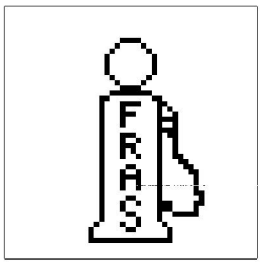

FUEL RESOURCES ANALYSIS SYSTEM

(FRAS)

Software User's Manual

for the

GCCS FRAS Support System

14 August 1996

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USER MANUAL
TABLE OF CONTENTS

LIST OF FIGURES

Figure

Table

1. SCOPE

1.1 Identification

This software user's manual applies to the Fuel Resources Analysis System (FRAS) GCCS software. This manual does not include user instructions for the stand-alone PC part of the FRAS software. The FRAS PC software has not changed, therefore the existing user's manuals are still current.

1.2 System Overview

The GCCS FRAS Support System replaces the functionality previously hosted on the Honeywell under WWMCCS. This software interacts with the JOPES database and files developed at DISA and the Defense Fuel Supply Center (DFSC), and creates the files and database tables required by the PC FRAS software. GCCS FRAS also provides the capability to move the information from the GCCS SUN system to a PC readable 3.5" floppy disk which can be used with PC FRAS to perform the analysis.

2. SYSTEM REQUIREMENTS

To run the FRAS Support System on GCCS, you must have access to GCCS 2.0 or higher running on a SUN computer. You must also have a 3.5" floppy drive connected to the SUN to download the files required by the PC FRAS software. If you do not have the floppy drive available, you could run the GCCS FRAS Support software and then use the File Transport Protocol (FTP) utility to move them to a PC that has a floppy drive. This method will require coordination with your local GCCS System Administrator to set up the proper permissions.

3. SYSTEM ACCESS

To run the GCCS FRAS Support System, you must have a UNIX account and your FDBM must add your user id as a valid FRAS user. Then you will have access to the FRAS button on the GCCS Desktop. You will also need an ORACLE account with space allocated so that you will be allowed to build the necessary FRAS work tables. Further, have your FDMB run the UNIX script (/h/FRASDB/Script/FRAS_enable_user.csh) which will give you ORACLE SELECT permission to read nine (9) GCCS CORE DATABASE tables and view. Also, you will need permission to access the OPLANs that you will be working with, that is, your user id and OPLAN NUMBER will have to be added to the

TABLE_MASTER.USER_OPLAN_PERMISSION table. FRAS will not allow access to any OPLAN which you have not been granted permissions.

4. RUNNING THE SYSTEM

4.1 Logging In

After logging onto the GCCS computer, you will see the GCCS Launch Buttons icons. When you click on the FRAS button (Figure 4-01) on the GCCS Desktop, you will see the FRAS MENU window as shown in Figure 4-02 or you will see a warning window, as shown in Figure 4-03, stating that either you do not have an ORACLE account or you have not been granted the FRAS role. To perform your desired FRAS function, depressed one the five buttons if the Menu appears. Otherwise, if you get the warning window, contact your FDBM to make sure that your ORACLE account has been established and that you have been assigned the FRAS role.

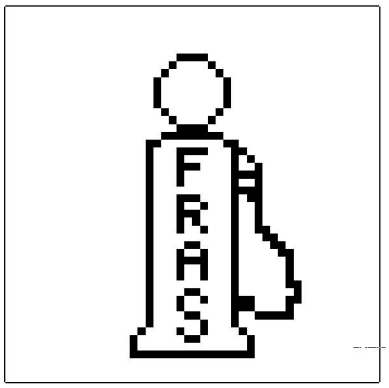
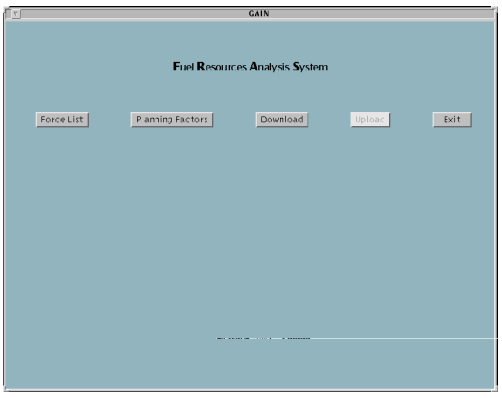


Figure 4-01 FRAS Lauch Bottom Icon



Figures 4-02. FRAS Menu Window

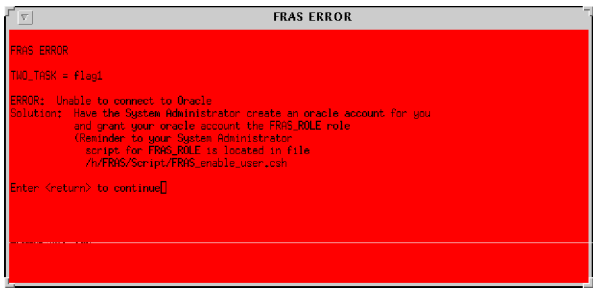


Figure 4-03. FRAS Warning Window

4.2 Main Menu

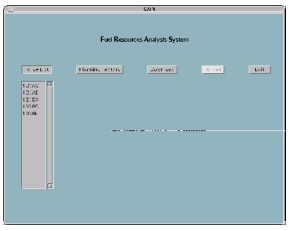
After connecting to the database, the FRAS Main Menu will open on your screen (see Figure 4-02). From this screen you can generate your Force List extract file based on a particular OPLAN, generate your Planning Factors extract file, download one or more FRAS data files, or upload one or more FRAS data files. Each of the functions will require a DOS formatted 3.5" floppy disk. Of the five menu items, three items (Forcelist, Download, and Upload) have a submenu list. The other two items (Planning Factor and Exit) do not have submenu and when these items are selected, processing will begin imediately. Exiting the FRAS Support System is also accomplished from this menu.

4.3 Force List Processing

To prepare the OPLAN specific data for FRAS, select Forcelist from the Main Menu. This will open a window that will contain a list of OPLANs that you have permission to access. Double click on the desired OPLAN and the Forcelist routine will begin to run. During the Forcelist processing, a UNIX ASCII file is created. The file name is a combination of the OPLAN id and the extention INP, that is, the extract file can be found in your home directory and the path for for this file will be '~/h/FRAS/progs/data/${oplan_id}.INP (replace ${oplan_id} with the OPLAN_ID selected). This file is converted to a DOS ASCII format and downloaded to a DOS formatted disk.

4.3.1 Selecting OPLAN

When you select Forcelist from the main menu, a window will open (Figure 4-04) where you can double click on the desired OPLAN.



Figures 4-04. FRAS OPLAN Menu Window

4.3.2 Processing

During the Force List processing, another window (Figure 4-05) will appear showing the processing progress. When the Forcelist extract process is completed, you will be required to insert a DOS formatted disk into the disk device if available and depress the return key, that is, you will depress the return key even if a floppy disk device is not available. If the return key is depressed before the disk is inserted into the device or for some reason the disk cannot be read as a DOS formatted disk, you can try up to a maximun of five times before the disk insertion process is stopped and the download process is cancelled. When the processing is completed, the window will go away.

Figure 4-05a. Forcelist Processing Window

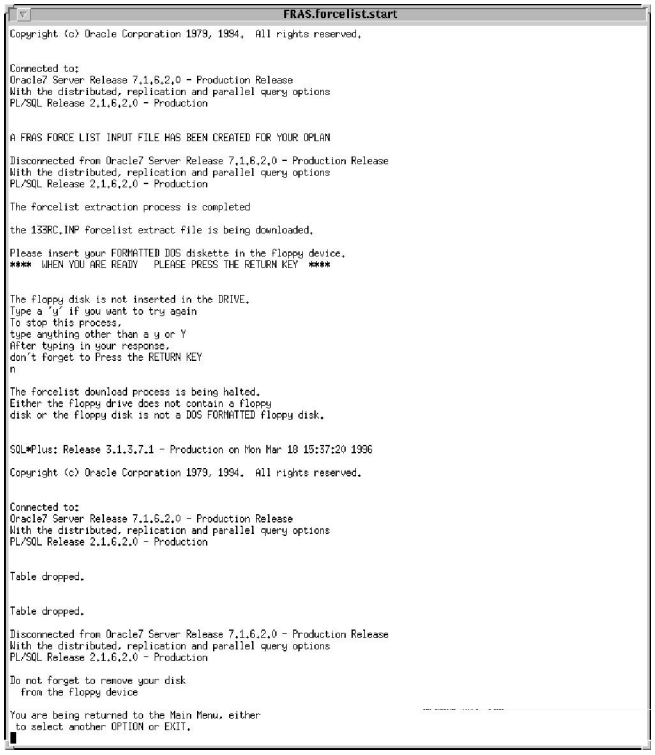


Figure 4-05b. Forcelist Processing Window

4.4 Planning Factor

To update your PC FRAS files when the logistics support information in GCCS is updated, select PlanningFactors (Figure 4-06) from the FRAS Main Menu. This routine also creates a UNIX ASCII file that is converted to a DOS ASCII file. The extract file can be found in your home directory and the path for this file will be '~/h/FRAS/progs/data/PLAN_FAC.TXT. This file is converted to a DOS ASCII format and downloaded to a DOS formatted disk.

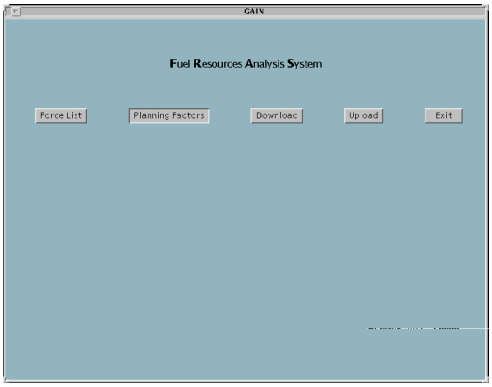


Figure 4-06. Planning Factor Window

4.4.1 Processing

During the Planning Factor processing, another window (Figure 4-07) will appear showing the processing progress. When the Planning Factor extract process is completed, you will be required to insert a DOS formatted disk into the disk device, that is, if the device is available. Depress the return key when the insertion process is completed. If the return key is depressed before the disk is inserted into the device or for some reason the disk cannot be read as a DOS formatted disk, you can try up to a maximum of five times before the insertion process is stopped and the download process is cancelled. When the processing is completed, the window will go away.

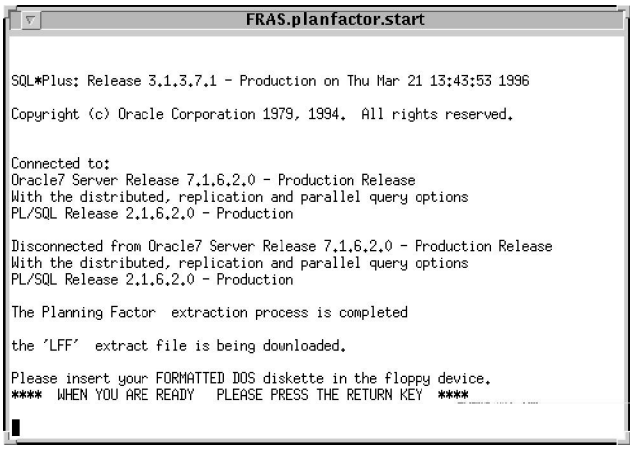


Figure 04-7a. Planning Factor Processing

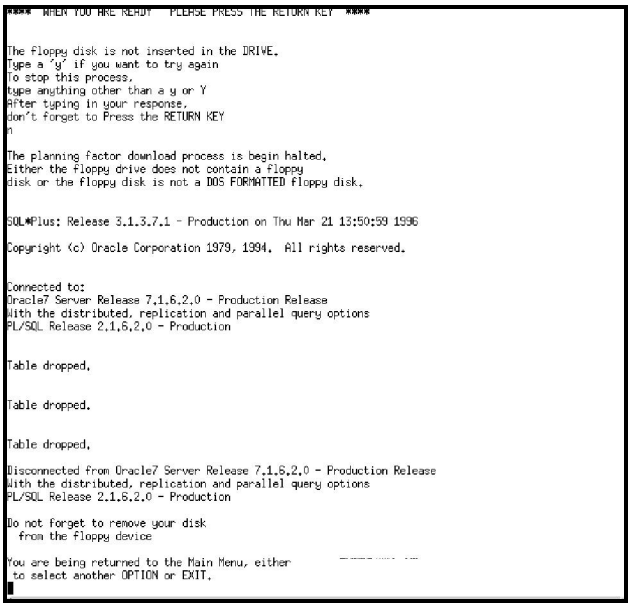


Figure 04-7b. Planning Factor Processing

4.5 Downloading Files

To download files from GCCS FRAS, select Download (Figure 4-08) from the FRAS Main Menu. This will open a drop-down menu as shown in Figure 4-09. Select as many of the files as required (and will fit on a 3.5" disk), place a formatted 3.5" disk in the floppy drive, select Done on the Download drop-down menu, and the selected files will be written to the floppy disk. All files can be selected by selecting All on the drop-down menu.

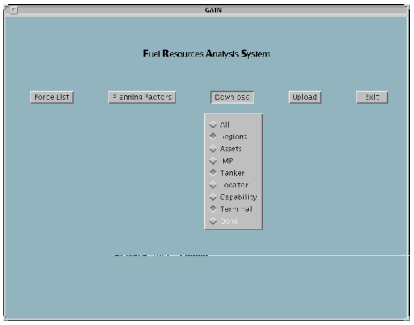


Figure 4-09. Download Submenu With Files Selected

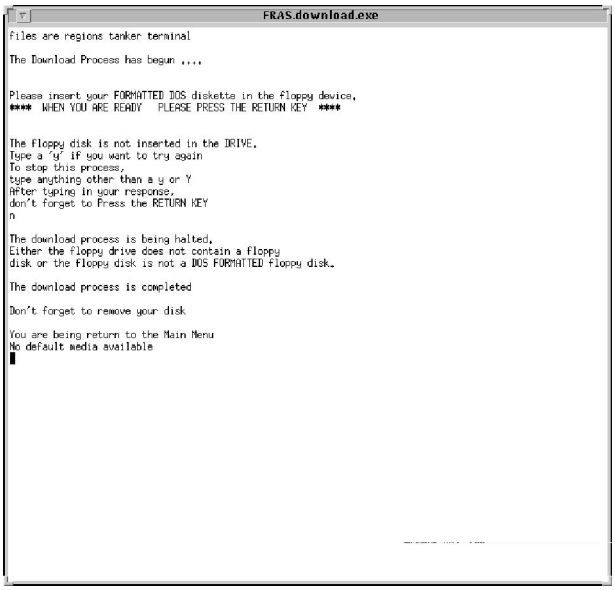


Figure 4-10. Download Processing Window

4.6 Uploading Files

The Upload choice (Figure 4-11) on the FRAS Main Menu is used only by DISA and the Defense Fuel Supply Center (DFSC). This is used to update the support data for FRAS on GCCS. Upload is used exactly the same way Download is used, except the file is read from the floppy disk and written into the GCCS FRAS data space. To upload a file or files, select the files to upload on the Upload drop-down menu (Figure 4-11.), then select Done on the Upload drop-down menu(Figure 04-12). If the files exist on the floppy and are properly named, they will be uploaded to GCCS.

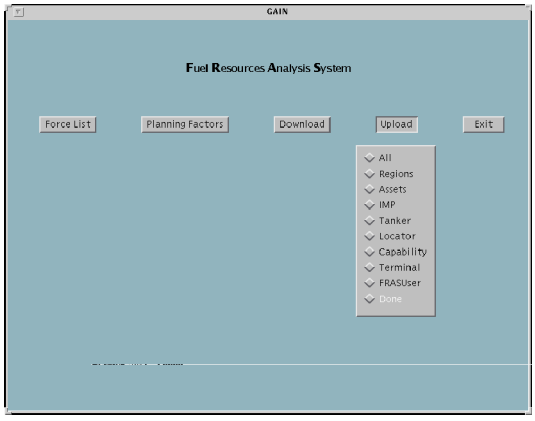


Figure 4-11. FRAS Upload Window

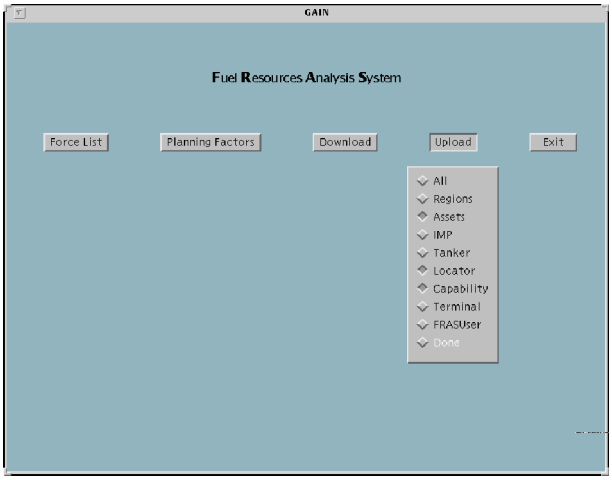


Figure 4-12. Upload Submenu Window

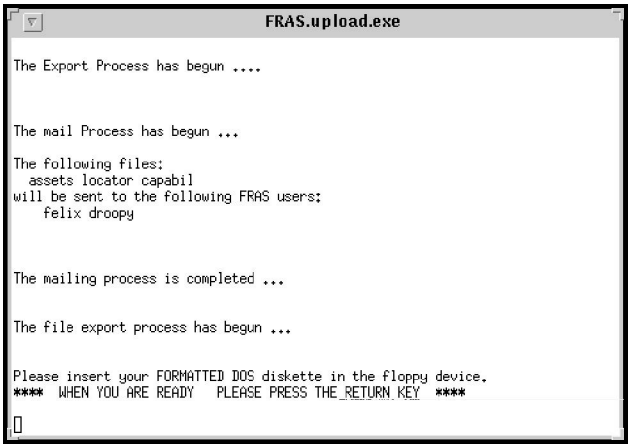


Figure 4-13a. Upload Processing Window

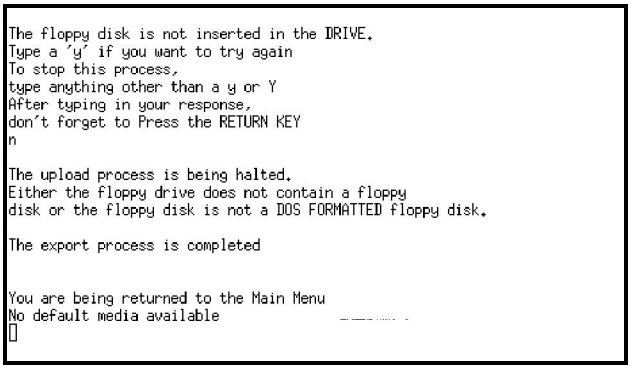
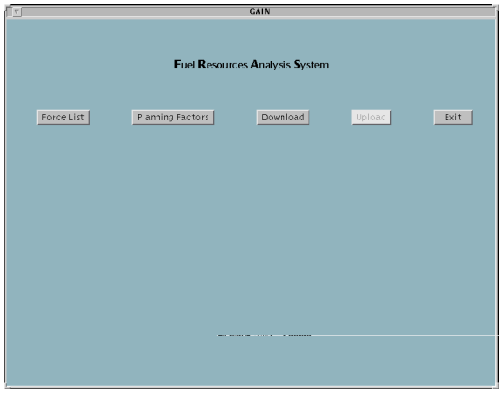


Figure 4-13b. Upload Processng Window

4.7 Exiting GCCS FRAS Support System

To exit the application, select Exit from the FRAS Main Menu.



Figures 4-14. FRAS EXIT Window

APPENDIX A

1. GRANT SELECT ON TABLE_MASTER.GEOGRAPHIC_LOCATION TO FRAS_ROLE
2. GRANT SELECT ON TABLE_MASTER.OPLAN_FORCE_RQMT TO FRAS_ROLE
3. GRANT SELECT ON TABLE_MASTER.OPLAN_FORCE_RQMT_LOC TO FRAS_ROLE
4. GRANT SELECT ON TABLE_MASTER.USER_OPLAN_PERMISSION TO FRAS_ROLE
5. GRANT SELECT ON TABLE_MASTER.SERVICE_FUEL_RATE_L4 TO FRAS_ROLE
6. GRANT SELECT ON TABLE_MASTER.UNIT_TYPE_FUEL_L1 TO FRAS_ROLE
7. GRANT SELECT ON TABLE_MASTER.UNIT_TYPE_FUEL_RATE_L1 TO FRAS_ROLE
8. GRANT SELECT ON TABLE_MASTER.SERVICE_FUEL_L4 TO FRAS_ROLE
9. GRANT SELECT ON TABLE_MASTER.RDA_OPLAN_VIEW TO FRAS_ROLE

Table 4-01 FRAS_ROLE

/h/FRASDB/Scripts/FRAS_enable_user.csh

Table 4-02. FRAS Script to Grant Access to FRAS_ROLE

APPENDIX A

~/FRAS/progs/data/xxxxx.INP (Note: '~' is the user home directory that is assigned when a UNIX account is requested and 'xxxxx' is replaced with the OPLAN_ID that the user selected to get forcelist information)

Table 4-03. FRAS Forcelist Extract File

~/FRAS/progs/data/PLAN.TXT (Note: '~' is the user home directory that is assigned when a UNIX account is

Table 4-04. FRAS Planning Factor Extract File

/h/FRAS/progs/data/locator.txt /h/FRAS/progs/data/terminal.txt /h/FRAS/progs/data/capabil.txt /h/FRAS/progs/data/assets.txt /h/FRAS/progs/data/tanker.txt /h/FRAS/progs/data/imp.txt

Table 4-05. FRAS DFCS Data Files

APPENDIX A

/h/FRAS/progs/data/regions.txt /h/FRAS/progs/data/frasusers.txt

Table 4-06. FRAS DISA Data Files